

STATUS OF THE CLAIMS

1 – 16 (canceled).

- 17 (currently amended). A method of producing a product of interest in a plant seed, comprising:
- a) providing a transgenic plant comprising a nucleic acid sequence encoding said ~~the~~ product of interest operably linked to a promoter region, wherein the promoter region ~~which~~ is a seed-specific promoter region ~~and is~~ selected from the group consisting of SEQ ID NO: 1 and variants thereof that are at least 80% identical to SEQ ID NO: 1, wherein expression from said seed-specific promoter is at least two times greater in seeds than in tissues selected from the group consisting of roots, floral tissue, vascular tissue and maturing leaf tissue; and
 - b) growing the plant under conditions such that the product is produced in a seed of the plant.

- 18 (currently amended). A method of producing a protein of interest in a plant seed, comprising:
- a) providing a transgenic plant comprising a nucleic acid sequence encoding the protein of interest operably linked to a promoter region, wherein the promoter region ~~which~~ is a seed-specific promoter region ~~and is~~ selected from the group consisting of SEQ ID NO: 1 and variants thereof that are at least 80% identical to SEQ ID NO: 1, wherein expression from said seed-specific promoter is at least two times greater in seeds than in tissues selected from

the group consisting of roots, floral tissue, vascular tissue and maturing leaf tissue; and

- b) growing the plant under conditions such that the protein is produced in a seed of the plant.

19 (canceled).

20 (currently amended). An isolated DNA molecule comprising a) a seed-specific plant promoter region, wherein the promoter region which is a seed-specific promoter region and is selected from the group consisting of SEQ ID NO: 1 and variants thereof that are at least 80% identical to SEQ ID NO: 1, wherein expression from said seed-specific promoter is at least two times greater in seeds than in tissues selected from the group consisting of roots, floral tissue, vascular tissue and maturing leaf tissue; and b) a heterologous gene operably linked to said plant promoter region.

21 (canceled).

22 (currently amended). The DNA molecule of Claim 20 ~~21~~, further comprising a termination sequence.

23 (currently amended). An expression vector, comprising the DNA molecule of Claim 20 ~~21~~.

24 (currently amended). A transgenic plant cell, comprising the DNA molecule of Claim 20 ~~21~~.

25 (currently amended). A transgenic plant, comprising the DNA molecule of Claim 20 ~~21~~.

26 (currently amended). A transgenic seed, comprising the DNA molecule of Claim
20 ~~21~~.

27-35 (canceled).